

CLAIMS

1. An aqueous coating agent comprising:

a water dispersion (C) prepared by dispersing resin particles containing a water-dispersible polyurethane resin (A) and at least one compound selected from a hydrophobic polyester polyol (B-1) and a hydrophobic polyether polyol (B-2) in water, and

a crosslinking agent (D) capable of reacting with a hydroxyl group,

wherein the water-dispersible polyurethane resin (A) is obtained by reacting a polyester polyol (a-1), which is obtained by condensing a dicarboxylic acid containing an aromatic dicarboxylic acid as a main component with a polyol, with a polyisocyanate, and also contains 15 to 35% by weight of an aromatic cyclic structural unit based on the weight of the water-dispersible polyurethane resin (A), and

wherein the hydrophobic polyester polyol (B-1) and/or the hydrophobic polyether polyol (B-2) are liquid at normal temperature and contain 20 to 50% by weight of an aromatic cyclic structural unit.

2. The aqueous coating agent according to claim 1, wherein the total content of a urethane-bond unit and a urea-bond unit per 1000 g of the water-dispersible polyurethane resin

(A) is within a range from 1.0 to 4.0 mols.

3. The aqueous coating agent according to claim 1, wherein the hydrophobic polyester polyol (B-1) is obtained by condensing a dicarboxylic acid with an aliphatic diol having 2 to 8 carbon atoms, and orthophthalic acid accounts for at least 60 mol% of the total amount of the dicarboxylic acid.

4. The aqueous coating agent according to claim 1, wherein the hydrophobic polyether polyol (B-2) is a propylene oxide adduct of a polynuclear phenol compound.

5. The aqueous coating agent according to claim 1, wherein the water-dispersible polyurethane resin (A) is obtained by reacting a polyester polyol (a-1), which is obtained by condensing a dicarboxylic acid with a polyol, with a polyisocyanate, and at least one compound selected from terephthalic acid and isophthalic acid accounts for 70 to 100 mol% of the total amount of the dicarboxylic acid.

6. The aqueous coating agent according to claim 1, wherein the water-dispersible polyurethane resin (A) and the hydrophobic polyester polyol (B-1) or the hydrophobic polyether polyol (B-2) are not substantially chemically-bonded.

7. The aqueous coating agent according to claim 1, wherein the crosslinking agent (D) is at least one kind selected from the group consisting of an amino resin and a polyisocyanate.